



NOVÁ PAKA



DELIVERY PROGRAMME

TEMPERATURE MEASURING

- Resistance temperature sensors into a reservoir, with a reservoir, with protection tube, with cable
- Resistance temperature sensors Ex to zones 2, 1 and 0 according to the version
- Thermoelectric temperature sensors into a reservoir, with a reservoir, with protection tube
- Thermoelectric temperature sensors Ex to zones 2, 1 and 0 according to the version
- Resistance and thermoelectric temperature sensors with converter in the head, with local display
- Customized versions of resistance and thermoelectric temperature sensors
- Infra thermometers
- Thermo cameras
- Checking glass thermometers
- Bimetal thermometers
- Checking digital thermometers
- Reservoirs according to ČSN and DIN, with flanges according to ČSN, DIN, ANSI
- Special reservoirs surface treatment (chemical resistant, abrasion resistant...)



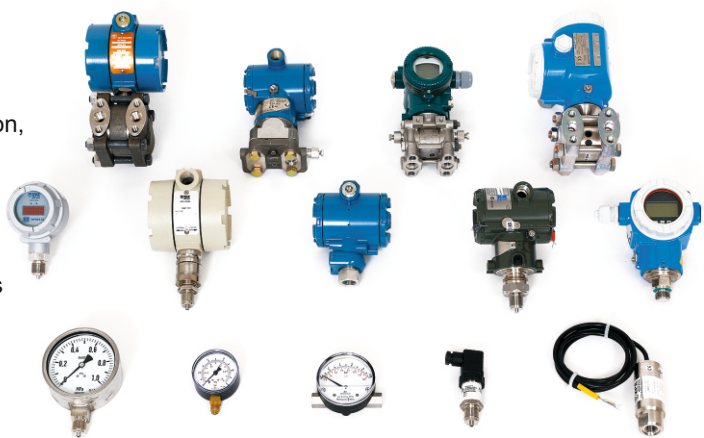
CONVERTORS, GALVANIC SEPARATORS

- Convertors into the head of temperature sensors
- Convertors to DIN bar
- Convertors on the wall
- Galvanic separation/galvanic separation modules
- Terminal switches



PRESSURE MEASURING

- Relative pressure sensors
- Absolute pressure sensors
- Pressure difference sensors
- Sensors of pressure and pressure difference with analogical output and HART communication, Ex version
- Sensors with local display
- Manometers DN40 up to DN160
- Standard manometers, filled with glycerine, stainless, contact
- Differential manometers, checking manometers



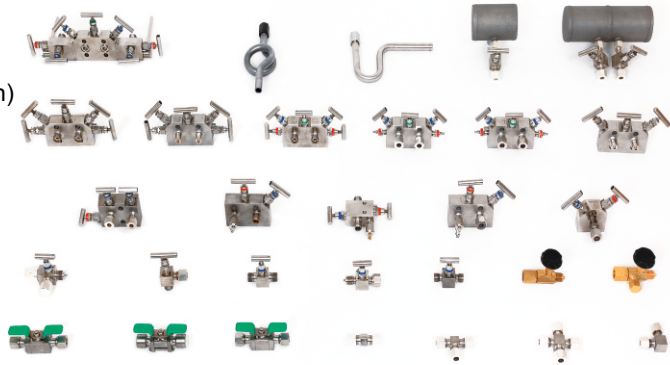
LEVEL MEASURING

- Radar level gauge
- Ultrasonic level gauge
- Capacity level gauge
- Pressure converter for level measuring
- Level limiting switch



VALVE PROGRAMME

- Two-ways valve set, three-ways, five-ways sets
- Direct valves, corner valves
- Closing valves with pressure measuring, testing valves (with closing of control consumption)
- Valves and valve sets for special applications
- Connectors with a wide range of connecting terminals
- Lugs, couplings, screws, valve sets and pressure sensors accessories
- Condensate tanks (one-chamber, two-chamber)
- Condensate tanks for high parameters media
- Sludge removing tanks



ANALYSIS

- Conductance and concentration converters
- Electrode and induction sensors of conductance
- Components for samples adjustment condensers, cation exchanger filters, reduction chambers
- High parameters condensers
- Mounted panels for analysis
- Products and systems for conductance measuring, measuring of O₂ in water, pH/redox, free chlorine in water...
- Devices for gas analysis
- Humidity sensors and converters



DEVICES FOR FLOW AND HEAT MEASURING

- Flow and heat meters, INMAT decoders
- Orifice gauges, orifice routes, Venturi tube, segment orifices
- Speed sensors
- Inductive flowmeters
- Ultrasonic flowmeters
- Vortical flowmeters
- Mass flowmeters
- Thermal flowmeters
- Water meters
- Flow indicators



INDICATORS, REGULATORS AND RECORDERS

- Indicators including limit stages signalization
- Programmable indicators
- Indicators for current loop
- Analog recorders
- Digital screen recorders
- Data loggers
- Impulse readers
- Bar plots
- Regulators for technological processes control (for constant value, with program regulation)
- Regulators for electrical servomotors control
- Regulators with data logger
- Electro mechanical regulators and limiters of pressure and temperature (thermostats/manostats)



SERVO MOTORS

- Pull-rod servo motors 250 N up to 20kN (stroke 5 up to 80 mm)
- Lever servo motors 6 Nm up to 125 Nm
- Substitutions of older servomotors that are not manufactured anymore
- Closing and regulation valves
- Complete sets of valves and servomotor



POWER SUPPLIES FOR MEASURING CIRCUITS

- Supplies on walls
- Supplies for DIN bar
- Supplies for feed of spark safe devices



Verification of the rated gauges:

- Gauges of the quantity of gas passed through, elements of gauges of quantity of water passed through, heat meters and their elements
- Pressure sensors
- Pressure difference sensor
- Temperature sensors
- Evaluation units for gas, water, other liquids, heat and cold meters
- Shorten test of gas decoders according to TPM 6892-95
- Activation of measuring circuits and determination of their measuring accuracy
- Evaluation of compatibility of measuring circuits elements and elaboration of the assessment (completion lists) according to TPM 3723-03 and ČSN EN 1434
- Adjusting of offset of hydrostatic pressure elimination and "0" of the differential pressure converters

Service of calibration metrological center

- Calibration of working etalons and gauges in the branches as follows:
- Roughness
- Length
- Hardness
- Humidity
- Torque wrenches
- Meters of the absolute pressure, underpressure, overpressure and differential pressure, flow rate, heat, cold, liquids, technical liquids, gas and gas mixtures
- Sensors and thermometers
- Gauges of electrical values with evaluation in the customer's control system (pressure, temperature, time, flow, electrical values...)
- Measuring of the oven's temperature profiles including the continuous ovens

Service department

- Guarantee and after-guarantee repairs of the devices of ZPA Nová Paka
- Assembly and repairs of the devices at the customer's premises, activation of measuring and regulating circuits
- Maintenance and repairs of rated gauges sets
- Modifications of devices according to the customer's needs
- Repairs, assembly and maintenance of other's manufacturers devices according to agreement

Contact:

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- Tools and mechanical parts manufacturing
- Printed circuit mounting
- Electronic products assembly
- Surfacing

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